

0 = Full search, unless specified

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	3	((multiple two "at least") near2 challenges!) and (SPI)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:39
L10	0	(mobile wireless) and ((multiple two "at least") near2 challenges!) and (security! adj parameter!)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:38
L9	7	(mobile wireless) and ((multiple two "at least") near2 challenges!) and (security adj parameter)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:33
L8	195	(mobile wireless) and ((multiple two "at least") near2 challenges!)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:31
L7	0	(mobile wireless) and ((multiple two "at least") near2 challenges!) and Spi	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:31
L6	0	(mobile wireless) and ((multiple two "at least") near2 challenges) and Spi	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/04/18 13:31
L5	0	gsm and ((multiple two "at least") near2 challenges) and Spi	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/04/18 13:30
L4	65	gsm and ((multiple two "at least") near2 challenges)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/04/18 13:30
L3	9	gsm and ((multiple two "at least") adj challenges)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/04/18 13:29
L2	1	((("20020012433").PN.) and (challenge)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 13:28
S53	1	((("20020012433").PN.) and link	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 12:43
L1	0	((("20020012433").PN.) and (two adj challenge)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 12:43
S1	73	@ad<"20000331" and (authentikat\$3) and (shar?? adj key) and (challenge and response)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 10:14
S115	12	authentication and (packet near2 data near2 network) and mobile and IP and (home with register) and (visit\$3 with register) and challenge and response and secret and (identity imsi tmsi sim) and gsm and iwif	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:19
S108	22	authentication and (packet near2 data near2 network) and mobile and IP and (home with register) and (visit\$3 with register) and challenge and response and secret and (identity imsi tmsi sim) and gsm	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:19
S114	3	S111 and authentikat\$3 and gsm	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 08:18
S112	9	S111 and authentikat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 08:17

S111	19	("5159592" "5325362" "5487065" "5519706" "5564070" "5590126" "5598536" "5610904" "5659544" "5708655" "5717688" "5790548" "5812531" "5812819" "6088725" "6219715" "6230012" "6272148" "6393482").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/18 08:17
S110	2	("6654359").URPN.	USPAT	OR	ON	2005/04/18 08:16
S109	1	("6654359").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2005/04/18 08:16
S107	28	authentication and (packet near2 network) and mobile and IP and (home with register) and (visit\$3 with register) and challenge and response and secret and (identity imsi tmsi sim) and gsm	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:12
S106	74	authentication and (packet near2 network) and mobile and IP and home and visit\$3 and challenge and response and secret and (identity imsi tmsi sim) and gsm	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:10
S105	96	authentication and packet and mobile and IP and home and visit\$3 and challenge and response and secret and (identity imsi tmsi sim) and gsm	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:10
S103	132	authentication and packet and mobile and IP and home and visit\$3 and challenge and response and secret and (identity imsi tmsi sim)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:10
S104	1	"6671377"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 08:05
S102	1383	authentication and packet and mobile and IP and home and visit\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:59
S101	1	"5864757".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:59
S99	111	abrol.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 07:46
S98	3	"02406" and authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 07:46
S97	46	@ad<"20000331" and (authenticat\$3) and gsm and ((packet near2 network) same visit\$3)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:45
S96	324	@ad<"20000331" and (authenticat\$3) and gsm and (packet near2 network)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:33
S95	1	((("20020012433").PN.) and (packet adj data adj network)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:17
S94	3375	gsm with packet	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:16

S93	1	((("20020012433").PN.) and (telecommunications)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 07:16
S54	1	((("20020012433").PN.) and (telecommunications adj network) and (packet adj2 network)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/04/18 06:49

09756346
Michael J. Simitoski
Michael.Simitoski@uspto.gov
(571) 272-3841

Google

"gsm system security study"
gsm security sim "subscriber identity" processor a3
gsm sim "subscriber identity" processor a3
gsm sim "subscriber identity" processor a3
"network access identifier"
"mutual authentication"
gsm sres rand a3 a8 registration
"mobile phone" access network challenge GSM "master key"
gsm signalling
gsm roaming
ike "session key" challenge
ipsec ike "session key" challenge rekeying

ACM

+gsm +authentication a3 a8

IEEE

gsm <and> (a3 <or> a8) <and> authentication

Other

Search tool

Search Terms

Applications/Patents from Inventor Search

10/192,753
09/867,049
09/858,264
10/451,875